

RG303/U**Construction**

	Material	Diameter (inch/mm)	
Inner Conductor	Silver Plated Copper Clad Steel	0.037	0.94
Dielectric	PTFE	0.116	2.95
Shield	95% Silver Plated Copper Braid	0.136	3.45
Jacket	FEP	0.170	4.32

Electrical Characteristics

Capacitance (pF/m)	96.5
Impedance (Ω)	50.0
Velocity of Propagation (%)	70.0
Conductor DCR (Ohm/km)	53.5
Outer Shield DCR (Ohm/km)	14.1
Max Operating Frequency (MHz)	3000.0
Max Operating Voltage (RMS)	1900.0
Operating Temp Range ($^{\circ}\text{C}$)	-55 to 200

Attenuation (20 $^{\circ}\text{C}$)

Frequency(MHz)	Max Attenuation (dB/100ft)	Max Attenuation (dB/100m)
10	1.1	3.6
50	2.7	8.9
100	3.9	12.8
200	5.6	18.4
400	8.2	26.9
700	11.0	36.1
900	12.5	41.0
1000	13.5	44.3
3000	25.0	82.0